Figure 1

```
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>893988            TAGGCT TTGAAGCATT TTTGTCTGTG CTCCCTGATC TTCAGGTCAC
>901429                   GCATT TTTGTCTGTG CTCCCTGATC TTCATGTCAC
Consensus       CTCTTAGGCT TTGAAGCATT TTTGTCTGTG CTCCCTGATC TTCATGTCAC

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>901429         CACCATGAAG TTCTTAGCAG TCCTGGTACT CTTGGGAGTT TCCATCTTTC
Consensus       CACCATGAAG TTCTTAGCAG TCCTGGTACT CTTGGGAGTT TCCATCTTTC

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>901429         TGGTCTCTGC CCAGAATCCG ACAACAGCTG CTCCAGCTGA CACGTATCCA
Consensus       TGGTCTCTGC CCAGAATCCG ACAACAGCTG CTCCAGCTGA CACGTATCCA

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Consensus       GCTACTGGTC CTGCTGATGA TGAAGCCCCT GATGCTGAAA CCACTGCTGC

>1662885        T
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Consensus       TGCAACCACT GCGACCACTG CTGCTCCTAC CACTGCAACC ACCGCTGCTT

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>1209814                                 GTTT TACCCAAATG GGTTGGGGAT
Consensus       CTACCACTGC TCGTAAAGAC ATTCCAGTTT TACCCAAATG GGTTGGGGAT

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Consensus       CTCCCGAATG GTAGAGTGTG TCCCTGAGAT GGAATCAGCT TGAGTCTTCT

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Consensus       GCAATTGGTC ACAACTATTC ATGCTTCCTG TGATTTCATC CAACTACTTA

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>1209814        CCTTGCCTAC GATATCCCCT TTATCTCTAA TCAGTTTATT TTCTTTCAAA
Consensus       CCTTGCCTAC GATATCCCCT TTATCTCTAA TCAGTTTATT TTCTTTCAAA

<1662885inh     TAAAAAATAA CTATGAGCAA CA
>1209814        TAAAAAATAA CTATGAGCAA CAT
Consensus       TAAAAAATAA CTATGAGCAA CAT
```

Figure 2

1662885
1662885 inh
893988
901429
1209814

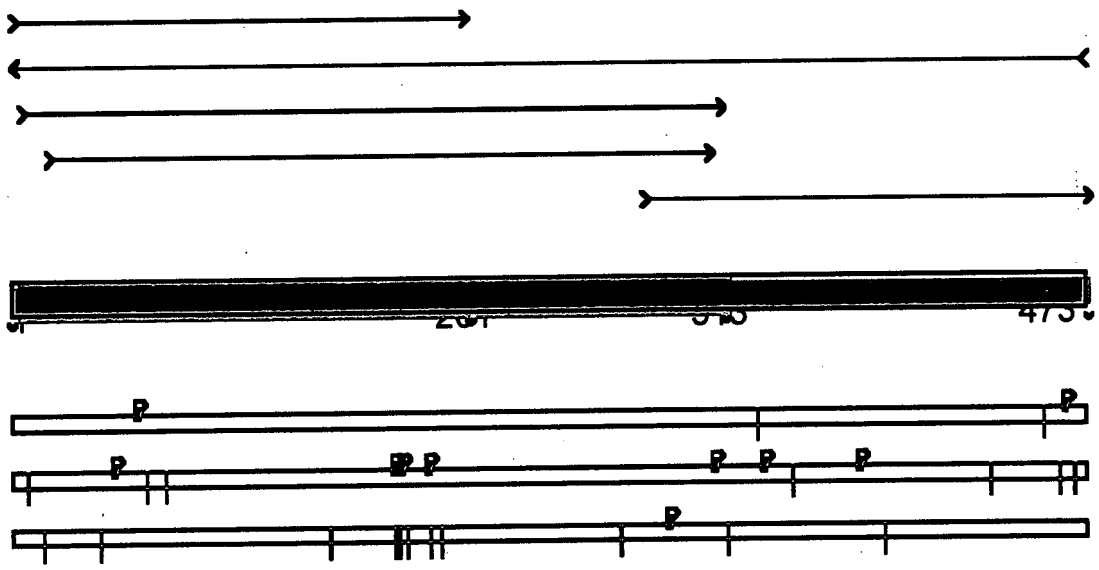
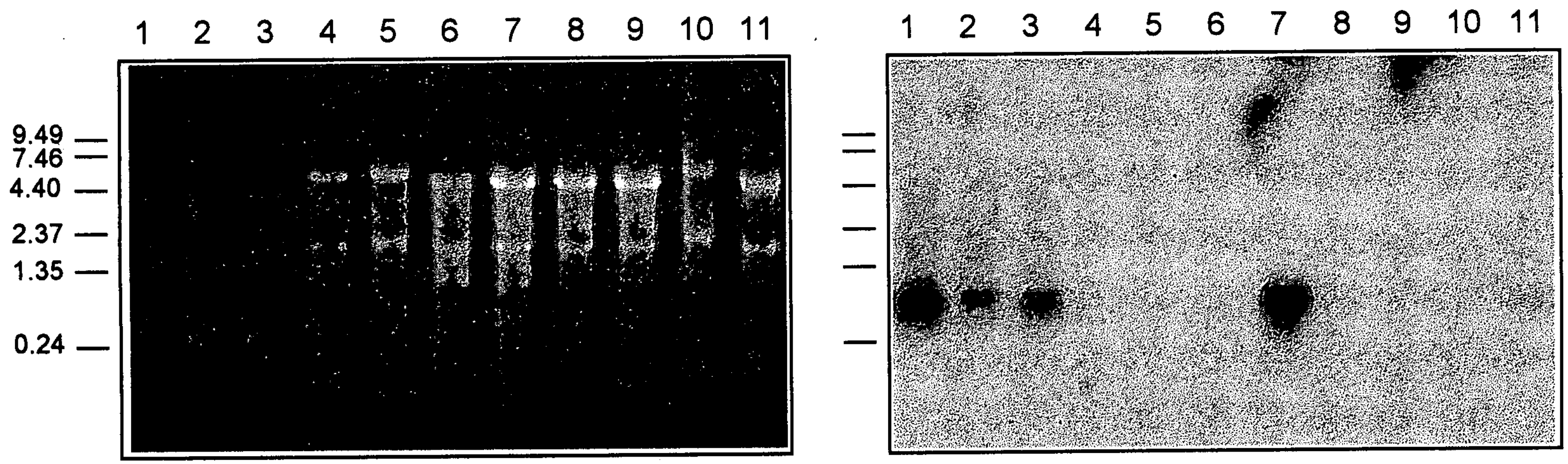
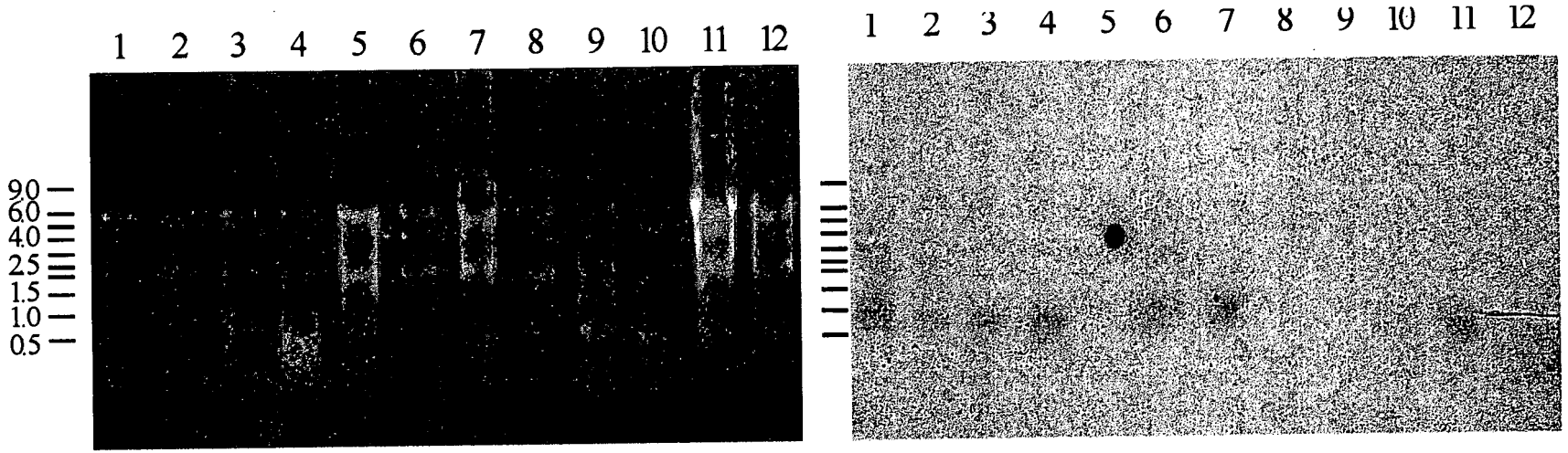


Figure 3A



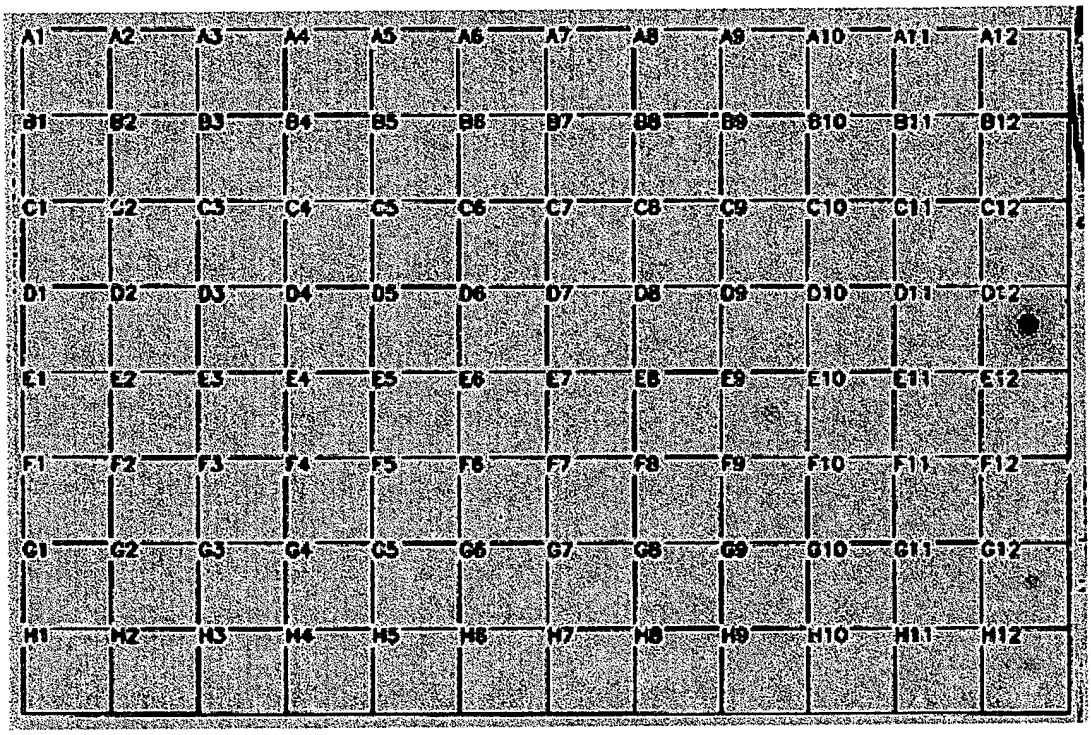
Lane	Sample	Lane	Sample
1	Normal Breast	7	Prostate Cancer
2	Normal Breast	8	Prostate Cancer
3	Normal Breast	9	Prostate Cancer
4	Normal Prostate	10	LnCap
5	Normal Prostate	11	McF7
6	Normal Prostate		

Figure 3B



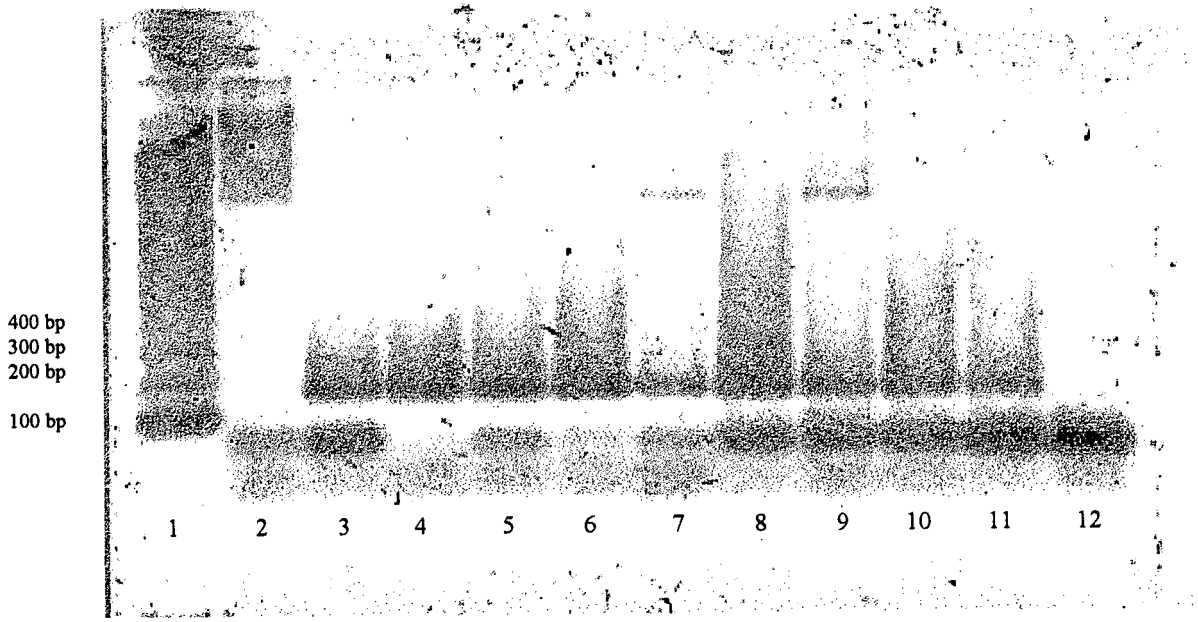
Lane	Sample	Lane	Sample
1	Normal Breast	7	Breast Cancer
2	Normal Breast	8	Breast Cancer
3	Normal Breast	9	Breast Cancer
4	Normal Breast	10	Breast Cancer
5	Normal Breast	11	Breast Cancer
6	Normal Breast	12	Breast Cancer

Figure 4



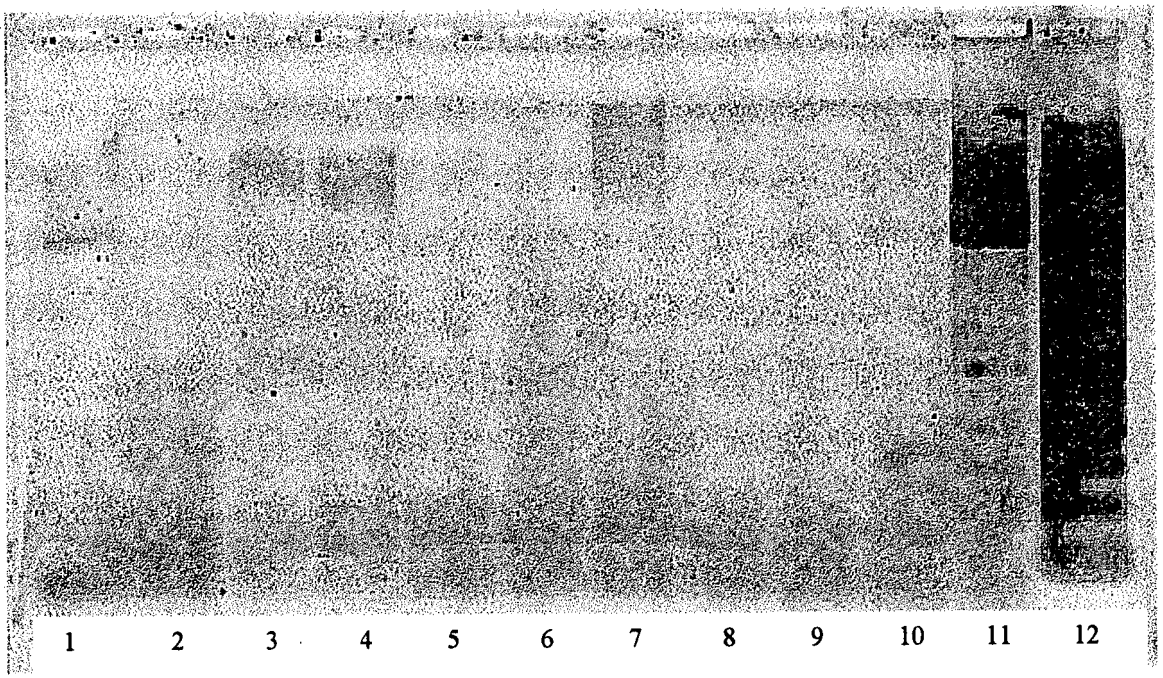
Dot Id	Sample
E9	Salivary gland
F9	Mammary gland
D12	E. coli
G12	Human DNA
H12	Human DNA

FIGURE 5A



Lane	Sample	Lane	Sample
1	Markers (bp)	7	Normal Breast
2	Placental DNA	8	Breast Cancer
3	Normal Breast	9	Breast Cancer
4	Normal Breast	10	Breast Cancer
5	Normal Breast	11	Breast Cancer
6	Normal Breast	12	Breast Cancer

FIGURE 5B



Lane	Sample	Lane	Sample
1	Colon	7	Lung
2	Colon	8	Lung
3	Colon	9	Lung
4	Colon	10	Lung
5	Colon	11	Placental DNA
6	Lung	12	Markers (bp)

Figure 6

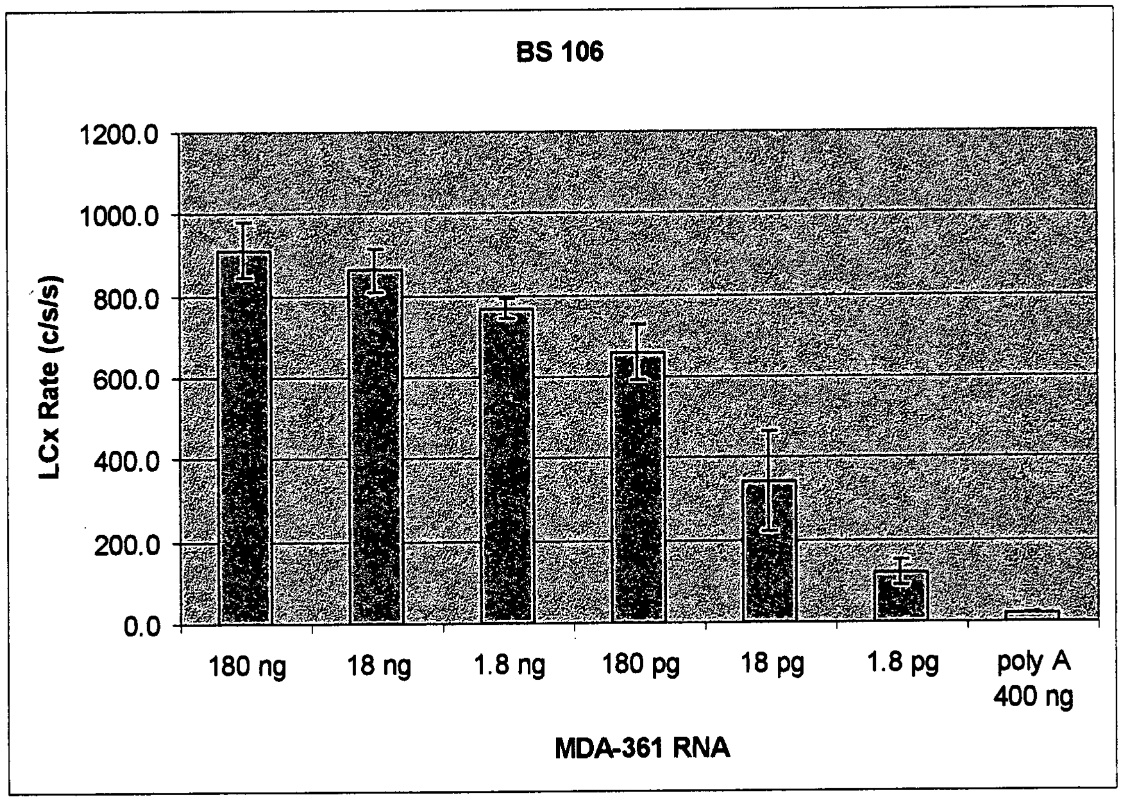

BS 106
LCx Rate (c/s/s)
1200.0
1000.0
800.0
600.0
400.0
200.0
0.0
180 ng
18 ng
1.8 ng
180 pg
18 pg
1.8 pg
poly A 400 ng
MDA-361 RNA

Figure 7

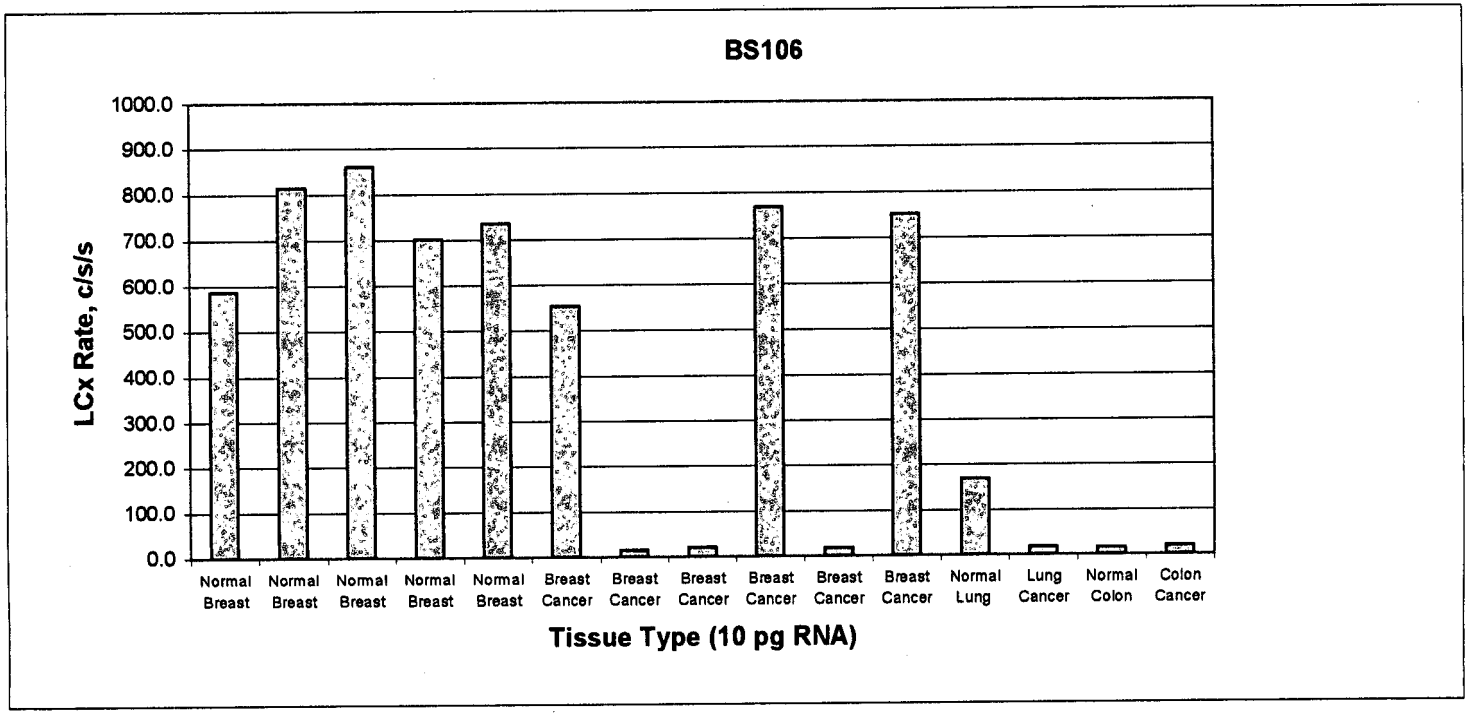
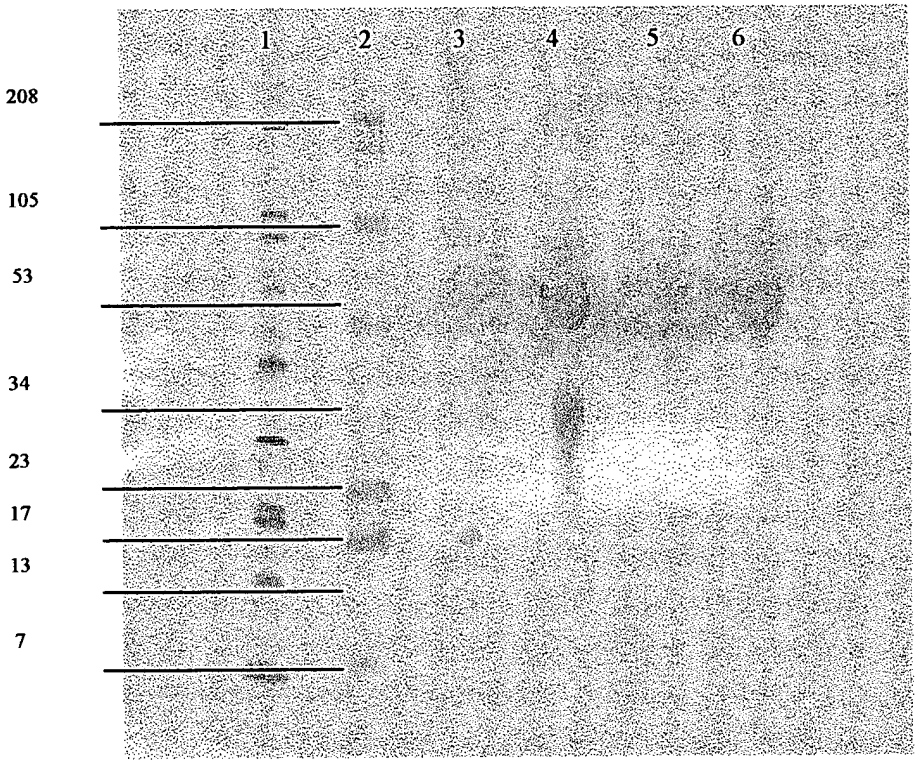
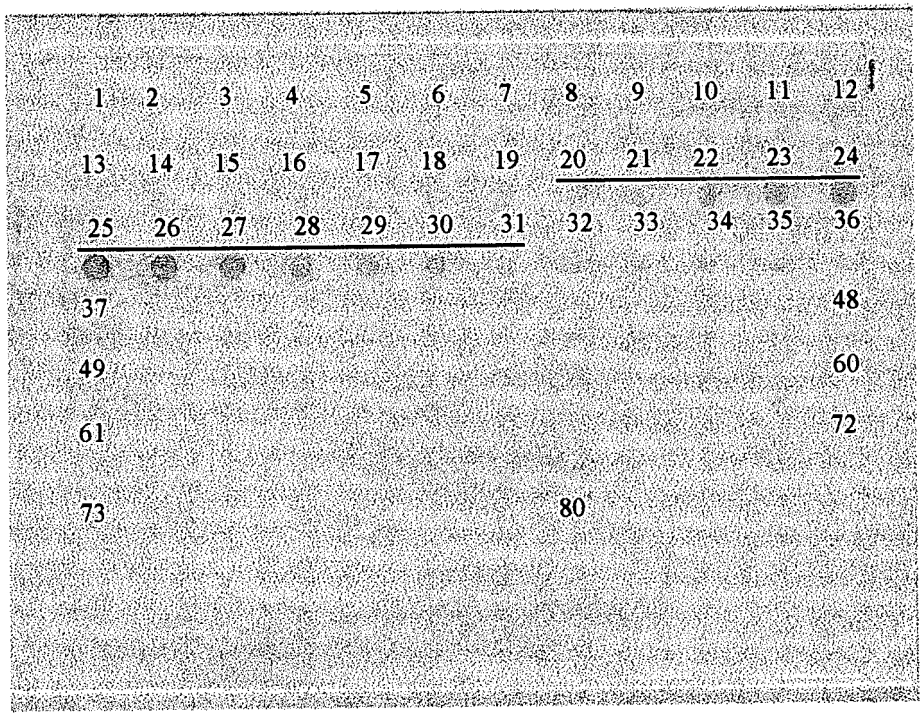

BS106
LCx Rate, c/s/s
1000.0
900.0
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Normal Breast
Normal Breast
Normal Breast
Normal Breast
Normal Breast
Breast Cancer
Breast Cancer
Breast Cancer
Breast Cancer
Breast Cancer
Breast Cancer
Normal Lung
Lung Cancer
Normal Colon
Colon Cancer
Tissue Type (10 pg RNA)

Figure 8



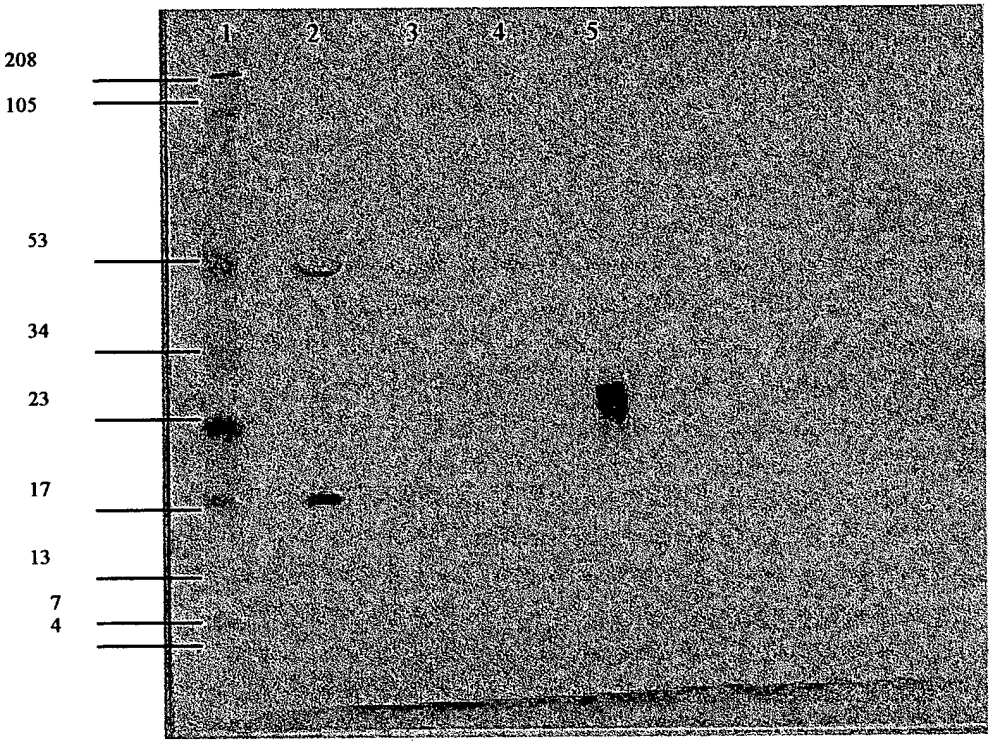
Lane	Sample
1	Biotinylated molecular weight markers
2	Colored molecular weight markers
3	Transfected HEK293 lysate
4	Transfected HEK293 supernatant
5	Negative control lysate
6	Negative control supernatant

Figure 9



Dot blot of 2 ml fractions collected from Nickel chelate column with immunorecognition of material in fractions 20 – 31.

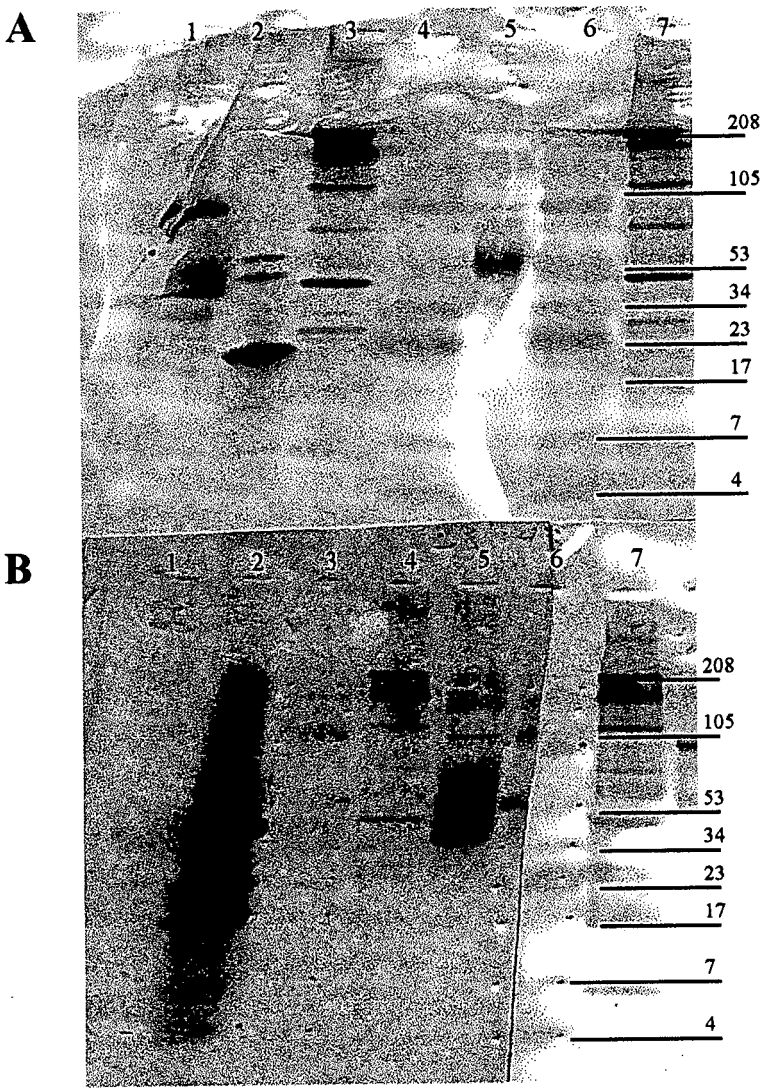
Figure 10



Lane	Sample
1	Colored molecular weight markers
2	Supernatant prior to chromatography
3	Flow during material loading
4	Material eluting during wash
5	Pooled, dialyzed eluted material

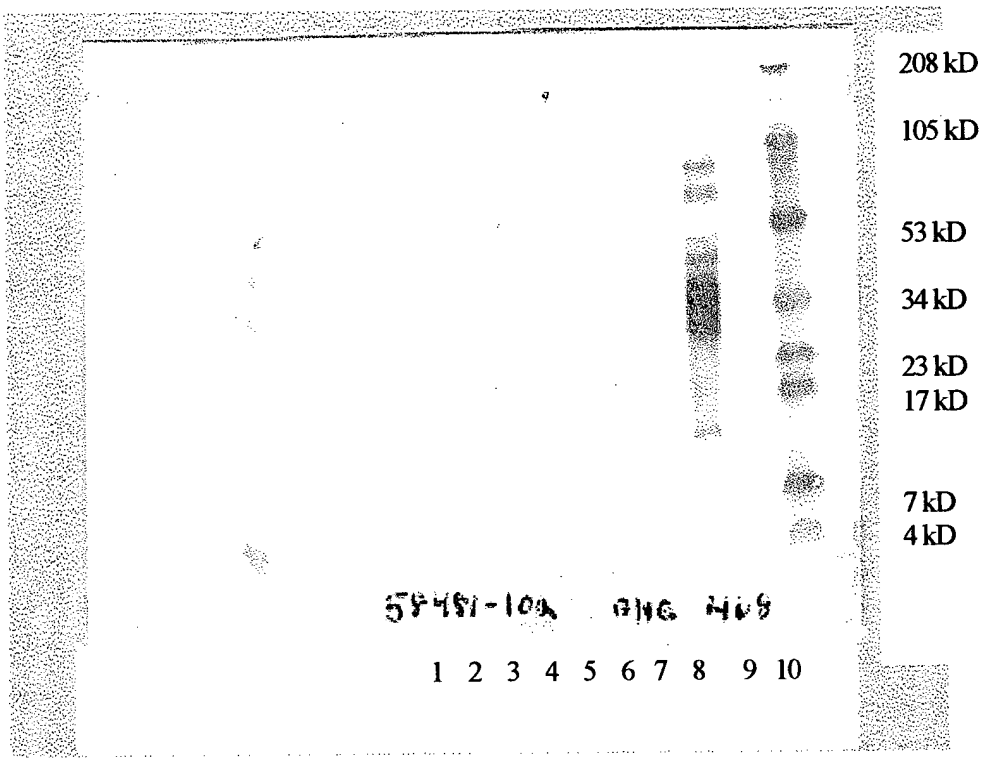
Figure 11

Panel A – Anti myc/his monoclonal antibody	
Lane	**Sample**
1	Unrelated protein
2	BS106 expressed in E. Coli
3	Biotinylated markers
4	Colored molecular weight markers
5	Pooled BS106 M/H from 106C1 cells
6	Colored molecular weight markers
7	Biotinylated molecular weight markers



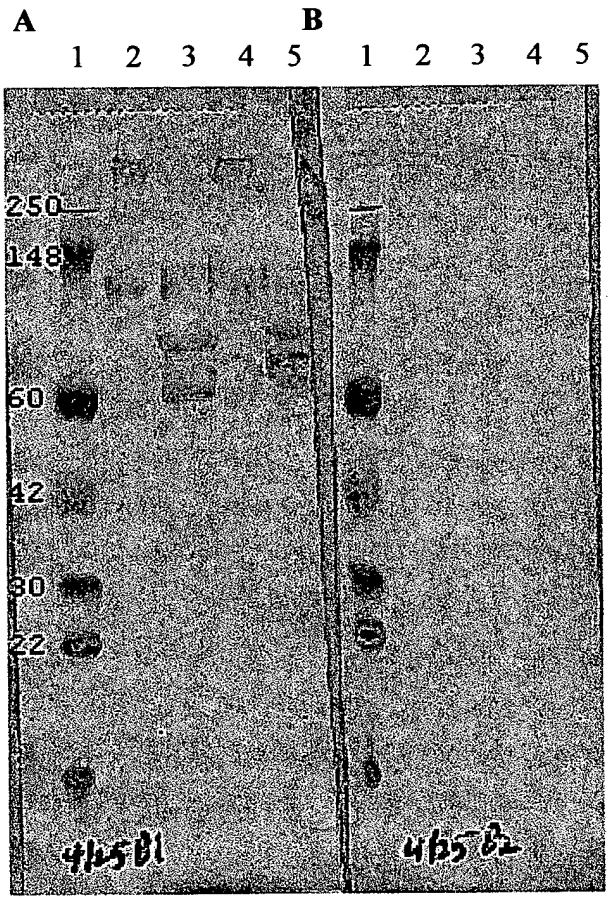
Panel B – Anti BS106 polyclonal antisera	
Lane	**Sample**
1	Unrelated protein
2	BS106 expressed in E. Coli
3	Biotinylated markers
4	Colored molecular weight markers
5	Pooled BS106 M/H from 106C1 cells
6	Colored molecular weight markers
7	Biotinylated molecular weight markers

Figure 12



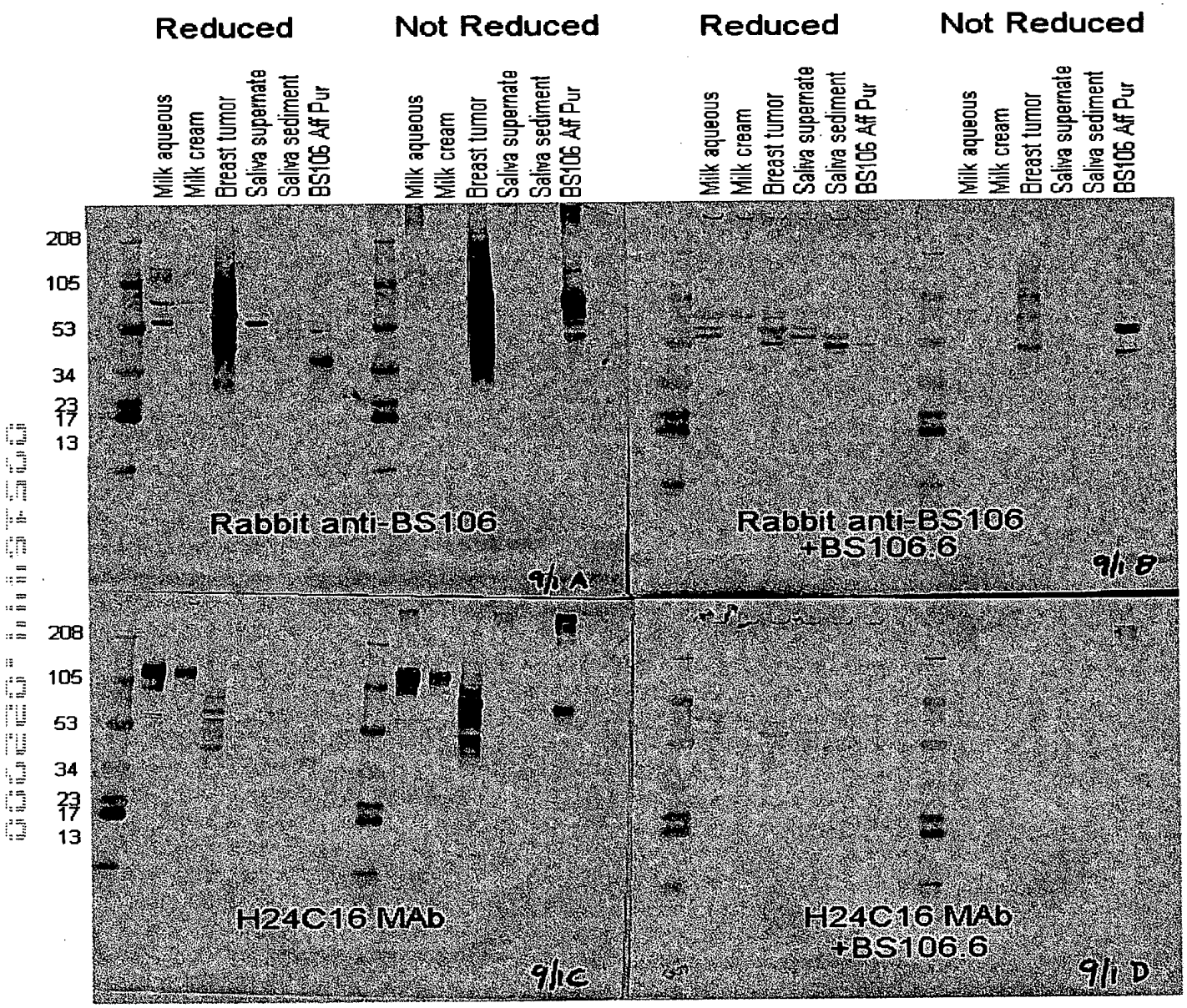
Lane	Sample	Lane	Sample
1	Testicle Cancer	6	Prostate
2	Endometrial Cancer	7	Lung
3	Ovarian Cancer	8	Breast Cancer
4	Bladder	9	empty
5	Colon	10	Molecular Weight Markers (kD)

Figure 13



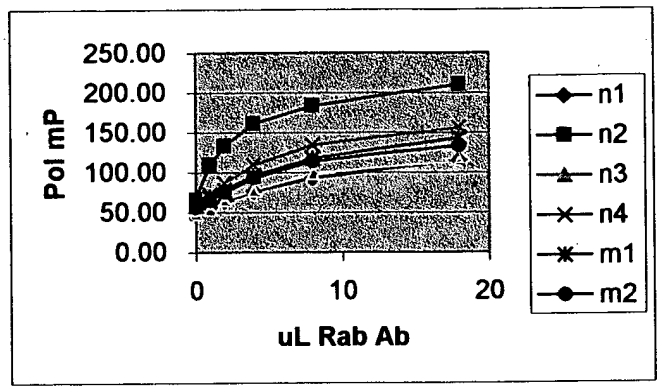
Panel A - Non -Competitive		Panel B - Competitive	
Lane	Sample	Lane	Sample
1	Colored Molecular Marker Weights	1	Colored Molecular Marker Weights
2	Aqueous milk fraction (unreduced)	2	Aqueous milk fraction (unreduced)
3	Aqueous milk fraction (reduced)	3	Aqueous milk fraction (reduced)
4	Fatty milk fraction (unreduced)	4	Fatty milk fraction (unreduced)
5	Fatty milk fraction (reduced)	5	Fatty milk fraction (reduced)

Figure 14

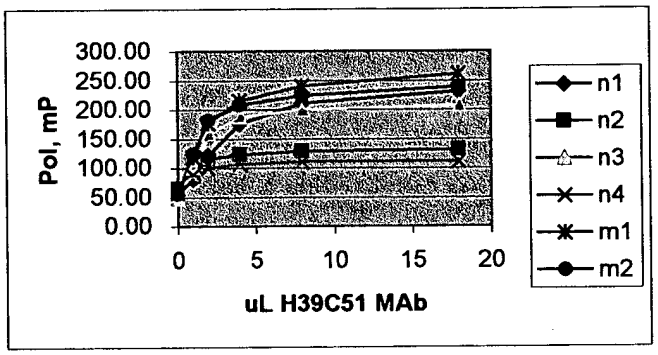


The lanes 1 and 8 in each panel contain colored molecular weight markers (kD).

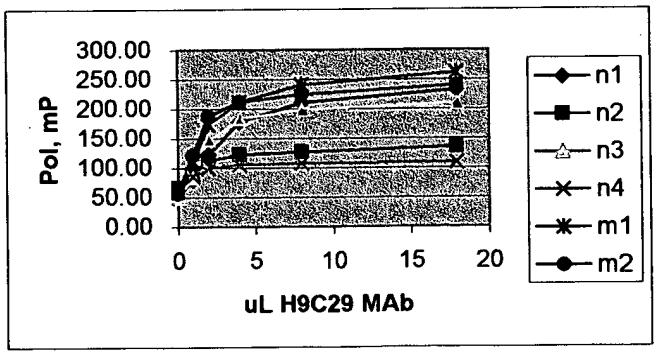
Figure 15



A



B



C

Conjugates N1-N4 were derived from 5-carboxyfluorescein.
Conjugates M1-M2 were derived from fluorescein-5-maleimide.